



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Laboratory Sample ID: DA40916001-001



**Production Method:** CO2  
**Harvest/Lot ID:** 090624  
**Batch#:** 090624  
**Seed to Sale#:** na  
**Sample Size Received:** 60 ml  
**Total Amount:** 60 ml  
**Retail Product Size:** 30 ml  
**Retail Serving Size:** 0.5 ml  
**Servings:** 60  
**Sample Density:** 0.87 g/mL  
**Ordered:** 09/06/24  
**Sampled:** 09/16/24  
**Completed:** 09/19/24  
**Sampling Method:** SOP.T.20.010.FL

Sep 19, 2024 | madisonville cbd  
p.o. box 162  
Madisonville, TN, 37354, US



**PASSED**

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### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

### MISC.



### Cannabinoid

**PASSED**



**Total THC**

**ND**

Total THC/Container : 0.000 mg



**Total CBD**

**3.308%**

Total CBD/Container : 863.388 mg



**Total Cannabinoids**

**3.308%**

Total Cannabinoids/Container : 863.388 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	3.308	ND	ND	ND	ND	ND	ND	ND	ND
mg/ml	ND	ND	28.78	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
1665, 585, 1440

Weight:  
3.0806g

Extraction date:  
09/17/24 12:13:06

Extracted by:  
3335,1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA078131POT  
Instrument Used : DA-LC-003  
Analyzed Date : 09/17/24 12:13:54

Reviewed On : 09/18/24 09:21:45  
Batch Date : 09/17/24 09:39:35

Dilution : 400  
Reagent : 090324.R05; 071624.04; 091624.R03  
Consumables : 947.109; 20240202; CE0123; R1KB14270  
Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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**Vivian Celestino**  
Lab Director

State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation PJLA-  
Testing 97164



Signature  
09/19/24



# Certificate of Analysis

**PASSED**

madisonville cbd

Sample : DA40916001-001  
Harvest/Lot ID: 090624

p.o. box 162  
Madisonville, TN, 37354, US  
Telephone: 4234053160  
Email: madisonvillecbd@gmail.com

Batch# : 090624  
Sampled : 09/16/24  
Ordered : 09/16/24

Sample Size Received : 60 ml  
Total Amount : 60 ml  
Completed : 09/19/24 Expires: 09/19/25  
Sample Method : SOP.T.20.010.FL

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## Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.010	ppm	30	PASS	ND	OXAMYL	0.010	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.010	ppm	3	PASS	ND	PACLOBUTRAZOL	0.010	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.010	ppm	1	PASS	ND	PHOSMET	0.010	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.010	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.010	ppm	3	PASS	ND
TOTAL SPINETORAM	0.010	ppm	3	PASS	ND	PRALLETHRIN	0.010	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.010	ppm	3	PASS	ND	PROPICONAZOLE	0.010	ppm	1	PASS	ND
ABAMECTIN B1A	0.010	ppm	0.3	PASS	ND	PROPOXUR	0.010	ppm	0.1	PASS	ND
ACEPHATE	0.010	ppm	3	PASS	ND	PYRIDABEN	0.010	ppm	3	PASS	ND
ACEQUINOXYL	0.010	ppm	2	PASS	ND	SPIROMESIFEN	0.010	ppm	3	PASS	ND
ACETAMIPRID	0.010	ppm	3	PASS	ND	SPIROTETRAMAT	0.010	ppm	3	PASS	ND
ALDICARB	0.010	ppm	0.1	PASS	ND	SPIROXAMINE	0.010	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.010	ppm	3	PASS	ND	TEBUCONAZOLE	0.010	ppm	1	PASS	ND
BIFENAZATE	0.010	ppm	3	PASS	ND	THIACLOPRID	0.010	ppm	0.1	PASS	ND
BIFENTHRIN	0.010	ppm	0.5	PASS	ND	THIAMETHOXAM	0.010	ppm	1	PASS	ND
BOSCALID	0.010	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.010	ppm	3	PASS	ND
CARBARYL	0.010	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.010	PPM	0.2	PASS	ND
CARBOFURAN	0.010	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.010	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.010	ppm	3	PASS	ND	CAPTAN *	0.070	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.010	ppm	3	PASS	ND	CHLORDANE *	0.010	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.010	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.010	PPM	0.1	PASS	ND
CLOFENTEZINE	0.010	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.050	PPM	1	PASS	ND
COUMAPHOS	0.010	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.050	PPM	1	PASS	ND
DAMINOZIDE	0.010	ppm	0.1	PASS	ND						
DIAZINON	0.010	ppm	3	PASS	ND						
DICHLORVOS	0.010	ppm	0.1	PASS	ND						
DIMETHOATE	0.010	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.010	ppm	0.1	PASS	ND						
ETOFENPROX	0.010	ppm	0.1	PASS	ND						
ETOXAZOLE	0.010	ppm	1.5	PASS	ND						
FENHEXAMID	0.010	ppm	3	PASS	ND						
FENOXYCARB	0.010	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.010	ppm	2	PASS	ND						
FIPRONIL	0.010	ppm	0.1	PASS	ND						
FLONICAMID	0.010	ppm	2	PASS	ND						
FLUDIOXONIL	0.010	ppm	3	PASS	ND						
HEXYTHIAZOX	0.010	ppm	2	PASS	ND						
IMAZALIL	0.010	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.010	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.010	ppm	1	PASS	ND						
MALATHION	0.010	ppm	2	PASS	ND						
METALAXYL	0.010	ppm	3	PASS	ND						
METHIOCARB	0.010	ppm	0.1	PASS	ND						
METHOMYL	0.010	ppm	0.1	PASS	ND						
MEVINPHOS	0.010	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.010	ppm	3	PASS	ND						
NALED	0.010	ppm	0.5	PASS	ND						

**Analyzed by:** 3621, 585, 1440      **Weight:** 0.2232g      **Extraction date:** 09/17/24 14:00:53      **Extracted by:** 3621  
**Analysis Method:** SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)  
**Analytical Batch:** DA078153PES      **Reviewed On:** 09/18/24 13:47:10  
**Instrument Used:** DA-LCMS-003 (PES)      **Batch Date:** 09/17/24 11:03:56  
**Analyzed Date:** 09/17/24 15:17:36  
**Dilution:** 250  
**Reagent:** 091324.R14; 081023.01; 091324.R03; 091224.R04; 091624.R06; 082724.R15; 091224.R01  
**Consumables:** 326250W  
**Pipette:** DA-093; DA-094; DA-219

**Analyzed by:** 450, 585, 1440      **Weight:** 0.2232g      **Extraction date:** 09/17/24 14:00:53      **Extracted by:** 3621  
**Analysis Method:** SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville), SOP.T.40.151A.FL (Davie)  
**Analytical Batch:** DA078155VOL      **Reviewed On:** 09/18/24 13:45:08  
**Instrument Used:** DA-GCMS-011      **Batch Date:** 09/17/24 11:07:41  
**Analyzed Date:** 09/17/24 17:23:09  
**Dilution:** 250  
**Reagent:** 091324.R14; 081023.01; 091324.R18; 091324.R19  
**Consumables:** 326250W; 14725401  
**Pipette:** DA-080; DA-146; DA-218

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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**Vivian Celestino**  
Lab Director

State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation PJLA-  
Testing 97164

Signature  
09/19/24



# Certificate of Analysis

**PASSED**

madisonville cbd

 Sample : DA40916001-001  
 Harvest/Lot ID: 090624

 p.o. box 162  
 Madisonville, TN, 37354, US  
 Telephone: 4234053160  
 Email: madisonvillecbd@gmail.com

 Batch# : 090624  
 Sampled : 09/16/24  
 Ordered : 09/16/24

 Sample Size Received : 60 ml  
 Total Amount : 60 ml  
 Completed : 09/19/24 Expires: 09/19/25  
 Sample Method : SOP.T.20.010.FL

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## Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.800	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.200	ppm	2	PASS	ND
2-PROPANOL	50.000	ppm	500	PASS	ND
ACETONE	75.000	ppm	750	PASS	ND
ACETONITRILE	6.000	ppm	60	PASS	ND
BENZENE	0.100	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500.000	ppm	5000	PASS	ND
CHLOROFORM	0.200	ppm	2	PASS	ND
DICHLOROMETHANE	12.500	ppm	125	PASS	ND
ETHANOL	500.000	ppm	5000	PASS	ND
ETHYL ACETATE	40.000	ppm	400	PASS	ND
ETHYL ETHER	50.000	ppm	500	PASS	ND
ETHYLENE OXIDE	0.500	ppm	5	PASS	ND
HEPTANE	500.000	ppm	5000	PASS	ND
METHANOL	25.000	ppm	250	PASS	ND
N-HEXANE	25.000	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75.000	ppm	750	PASS	ND
PROPANE	500.000	ppm	5000	PASS	ND
TOLUENE	15.000	ppm	150	PASS	ND
TOTAL XYLENES	15.000	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.500	ppm	25	PASS	ND

Analyzed by: 585, 850, 1440	Weight: 0.0214g	Extraction date: 09/18/24 16:36:51	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL Analytical Batch : DA07815950L Instrument Used : DA-GCMS-012 Analyzed Date : 09/17/24 22:00:03	Reviewed On : 09/19/24 13:07:02 Batch Date : 09/17/24 15:26:46
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Dilution : 1  
 Reagent : 030420.09  
 Consumables : 430274; 306143  
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.





# Certificate of Analysis

**PASSED**

madisonville cbd

Sample : DA40916001-001  
Harvest/Lot ID: 090624

p.o. box 162  
Madisonville, TN, 37354, US  
Telephone: 4234053160  
Email: madisonvillecbd@gmail.com

Batch# : 090624  
Sampled : 09/16/24  
Ordered : 09/16/24  
Sample Size Received : 60 ml  
Total Amount : 60 ml  
Completed : 09/19/24 Expires: 09/19/25  
Sample Method : SOP.T.20.010.FL

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ECOLI SHIGELLA			Not Present	PASS	
TOTAL YEAST AND MOLD	10.00	CFU/g	<10	PASS	100000

Analyzed by: 4531, 4520, 585, 1440  
Weight: 0.9647g  
Extraction date: 09/17/24 10:34:59  
Extracted by: 4044,4520

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL  
Analytical Batch : DA078103MIC  
Reviewed On : 09/18/24 09:43:46  
Batch Date : 09/17/24 08:06:19

Instrument Used : PathogenDx Scanner DA-111, Applied Biosystems 2720 Thermocycler DA-010, Fisher Scientific Isotemp Heat Block (55°C) DA-020, Fisher Scientific Isotemp Heat Block (95°C) DA-049, Fisher Scientific Isotemp Heat Block (55°C) DA-021  
Batch Date : 09/17/24 12:06:08

Dilution : 10  
Reagent : 082224.18; 082224.24; 091124.R15; 030724.29  
Consumables : 7575002078  
Pipette : N/A

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.00	ppm	ND	PASS	0.02
AFLATOXIN B1	0.00	ppm	ND	PASS	0.02
OCHRATOXIN A	0.00	ppm	ND	PASS	0.02
AFLATOXIN G1	0.00	ppm	ND	PASS	0.02
AFLATOXIN G2	0.00	ppm	ND	PASS	0.02

Analyzed by: 3621, 585, 1440  
Weight: 0.2232g  
Extraction date: 09/17/24 14:00:53  
Extracted by: 3621

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)  
Analytical Batch : DA078154MYC  
Instrument Used : N/A  
Reviewed On : 09/18/24 12:05:38  
Batch Date : 09/17/24 11:07:20

Analyzed Date : 09/17/24 15:18:32

Dilution : 250  
Reagent : 091324.R14; 081023.01  
Consumables : 326250IW  
Pipette : N/A

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.02	ppm	ND	PASS	0.5

Analyzed by: 1022, 585, 1440  
Weight: 0.2695g  
Extraction date: 09/17/24 11:07:17  
Extracted by: 4056

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL  
Analytical Batch : DA078142HEA  
Instrument Used : DA-ICPMS-004  
Reviewed On : 09/18/24 12:05:01  
Batch Date : 09/17/24 10:14:25

Analyzed Date : 09/17/24 15:30:12

Dilution : 50  
Reagent : 091324.R16; 091624.R09; 091024.R07; 091624.R07; 091624.R08; 061724.01; 090624.R21  
Consumables : 179436; 20240202; 210508058  
Pipette : DA-061; DA-191; DA-216

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	10.00	CFU/g	<10	PASS	100000

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



4131 SW 47th AVENUE SUITE 1408  
 DAVIE, FL, 33314, US  
 (954) 368-7664

Kaycha Labs

..... isolate  
 Matrix : Derivative  
 Type: Cannabinoid Isolate



# Certificate of Analysis

**PASSED**

Page 5 of 5

madisonville cbd

Sample : DA40916001-001  
 Harvest/Lot ID: 090624

p.o. box 162  
 Madisonville, TN, 37354, US  
 Telephone: 4234053160  
 Email: madisonvillecbd@gmail.com

Batch# : 090624  
 Sampled : 09/16/24  
 Ordered : 09/16/24  
 Sample Size Received : 60 ml  
 Total Amount : 60 ml  
 Completed : 09/19/24 Expires: 09/19/25  
 Sample Method : SOP.T.20.010.FL

	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.100	%	ND	PASS	1

Analyzed by: 585, 1879, 1440	Weight: 1g	Extraction date: 09/18/24 17:05:50	Extracted by: 1879
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Analysis Method : SOP.T.40.090  
 Analytical Batch : DA078196FIL  
 Instrument Used : N/A  
 Analyzed Date : 09/18/24 15:30:47  
 Reviewed On : 09/18/24 17:31:31  
 Batch Date : 09/18/24 11:22:54

Dilution : N/A  
 Reagent : N/A  
 Consumables : N/A  
 Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.

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**Vivian Celestino**  
 Lab Director

State License # CMTL-0002  
 ISO 17025 Accreditation # ISO/IEC  
 17025:2017 Accreditation PJLA-  
 Testing 97164

Signature  
 09/19/24